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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/597,838	09/27/2006	Yuichiro Sasaki	41093	6965	
52054 PEARNE & GO		11/21/2008 P EXAMINER			
1801 EAST 9T	H STREET	AURORA, REENA			
SUITE 1200 CLEVELAND, OH 44114-3108			ART UNIT	PAPER NUMBER	
			2862		
			NOTIFICATION DATE	DELIVERY MODE	
			11/21/2008	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patdocket@pearne.com dchervenak@pearne.com

	Application No.	Applicant(s)				
Office Action Commence	10/597,838	SASAKI ET AL.				
Office Action Summary	Examiner	Art Unit				
	Reena Aurora	2862				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence ad	ldress			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1) Responsive to communication(s) filed on						
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· <u> </u>	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims						
4)⊠ Claim(s) <u>16 - 28</u> is/are pending in the application	on.					
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6) Claim(s) is/are rejected.						
7)⊠ Claim(s) <u>16 - 28</u> is/are objected to.						
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Application Papers						
9) The specification is objected to by the Examiner.						
10)⊠ The drawing(s) filed on <u>06 A<i>pril</i> 2007</u> is/are: a)⊠ accepted or b)⊡ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list 	s have been received. s have been received in Application ity documents have been received (PCT Rule 17.2(a)).	on No ed in this National	Stage			
Attachment(s)						
1) Notice of References Cited (PTO-892)	4) Interview Summary					
2)	Paper No(s)/Mail Da 5) Notice of Informal P					
Paper No(s)/Mail Date <u>9/27/06</u> .	6) Other:					

DETAILED ACTION

This application is in condition for allowance except for the following formal matters:

Claim Objections

Claims 16 is objected to because of the following informalities: Line 7, delete "," after the word "collection". Appropriate correction is required.

Claims 25 is objected to because of the following informalities: Lines 4 and 5, the phrase "method described in claim" is incomplete. Applicant is suggested to insert the claim number. Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under Ex parte Quayle, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Allowable Subject Matter

The following is a statement of reasons for the indication of allowable subject matter: As to claims 16 – 28, the prior art fails to show a beam measuring device comprising a plurality of magnetic field sensors, arranged in a shielding space which is formed by the magnetic shielding part, the magnetic field sensors measuring a magnetic field which a beam current to be measured generates; wherein the magnetic field collection mechanisms are arranged such that a superconductive surface shielding

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current is concentrated on a predetermined region by interrupting the superconductive surface shielding current except for a predetermined region on a superconductive surface of the magnetic field collection mechanisms; wherein the magnetic field collection mechanism includes a bridge portion which has only a portion thereof constituted of a high-temperature superconductive body on an outer peripheral portion; and wherein the magnetic field collection mechanism concentrates a superconductive surface shielding current which the beam current generates in the vicinity of a plurality of magnetic field sensors. These features taken together with the other limitations of the claim renders the claims allowable over prior art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Reena Aurora whose telephone number is 571-272-2263. The examiner can normally be reached on Monday - Friday, 7:00 - 3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, P. Assouad can be reached on 571-272-2210. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Reena Aurora/ /Reena Aurora/ Primary Examiner, Art Unit 2862